



PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: PA 66  
 FLAMMABILITY RATING: UL94-V0  
 COLOR: GREY/WHITE  
 WIRE GUARD: STAINLESS STEEL  
 CONTACT: BRASS  
 SOLDER TAIL PLATING: TIN

ENVIRONMENTAL  
 OPERATING TEMPERATURE: -40 UP TO 105°C  
 COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL  
 CURRENT RATING: 16A  
 WORKING VOLTAGE: 300VAC  
 WITHSTANDING VOLTAGE: 1.3KV  
 CONTACT RESISTANCE: 20 mOhm max

STANDARD  
 CERTIFIED E315414

MECHANICAL  
 SOLID WIRE: 28-14 AWG / 0.08-2.08 MM<sup>2</sup>  
 STRANDED WIRE: 28-14 AWG / 0.08-2.08 MM<sup>2</sup>

WIRE STRIPE LENGTH: 6-7 MM  
 PITCH: 5.00 MM

SOLDERING  
 JEDEC LEAD FREE WAVE SOLDERING

PACKAGING  
 BOX

DIMENSION  
 A= 5 x (NB.PIN - 1)  
 B= (5 x NB.PIN) + 1

RoHS Compliant

G			
F			
E	16-FEB-16	FORMULA DIM	AK
D	21-SEP-15	MECHANICAL	AK
C	13-AVR-15	DWG REVIEW	QP
B	29-JUL-13	DWG REVIEW	QL
A	02-JUL-12	PDF	GG
REV	DATE	FILE	BY

PROJECTION:



APPROVAL: FBr

GENERAL TOLERANCE

.X =  $\pm 0.2$   
 .XX =  $\pm 0.15$



UNIT: MM

SCALE:

SHEET: 1/2

DRAW: MARVIN

DESCRIPTION: SERIE 4147 - 5.00 MM SCREWLESS 45° ENTRY - WR-TBL

WERI PART NO: 691 414 720 0xx B

SIZE

**A4**

1

2

3

4

5

## Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval.

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE <b>A4</b>
B					SCALE:		
A	10-SEP-14	PDF	QL		SHEET: 2/2	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D

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